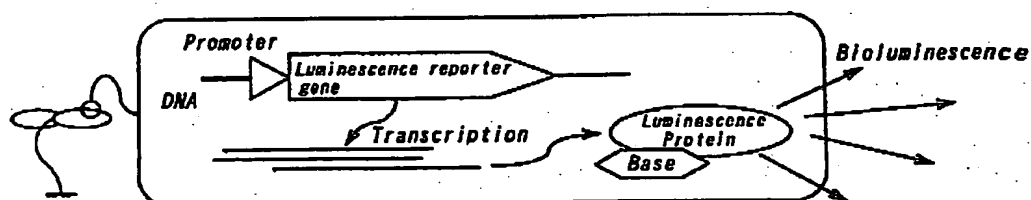


**FIG. 1A**



**FIG. 1B**

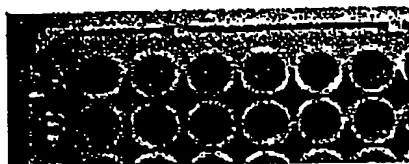


FIG. 2

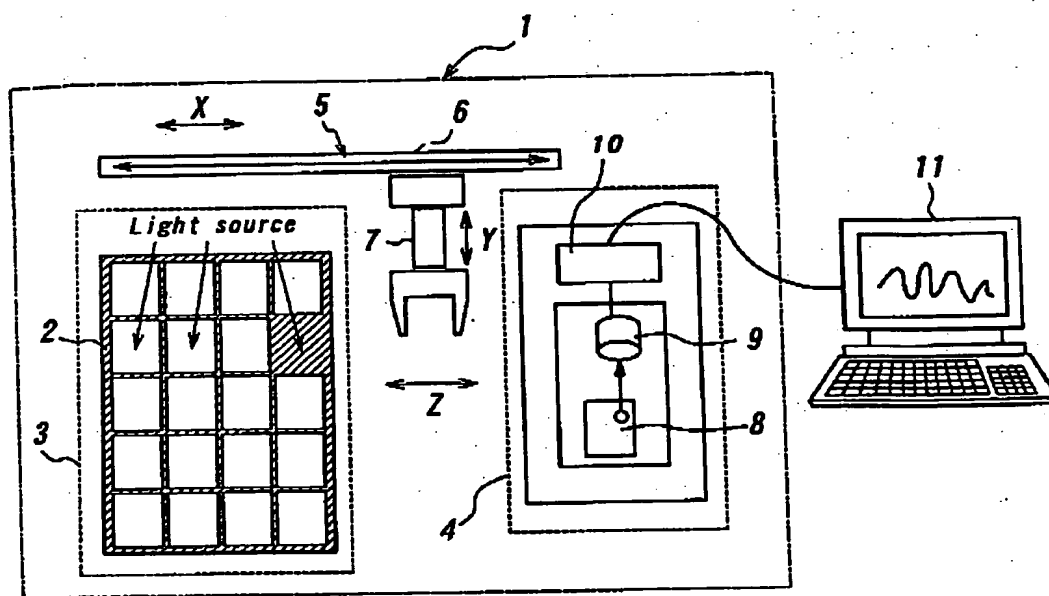


FIG. 3

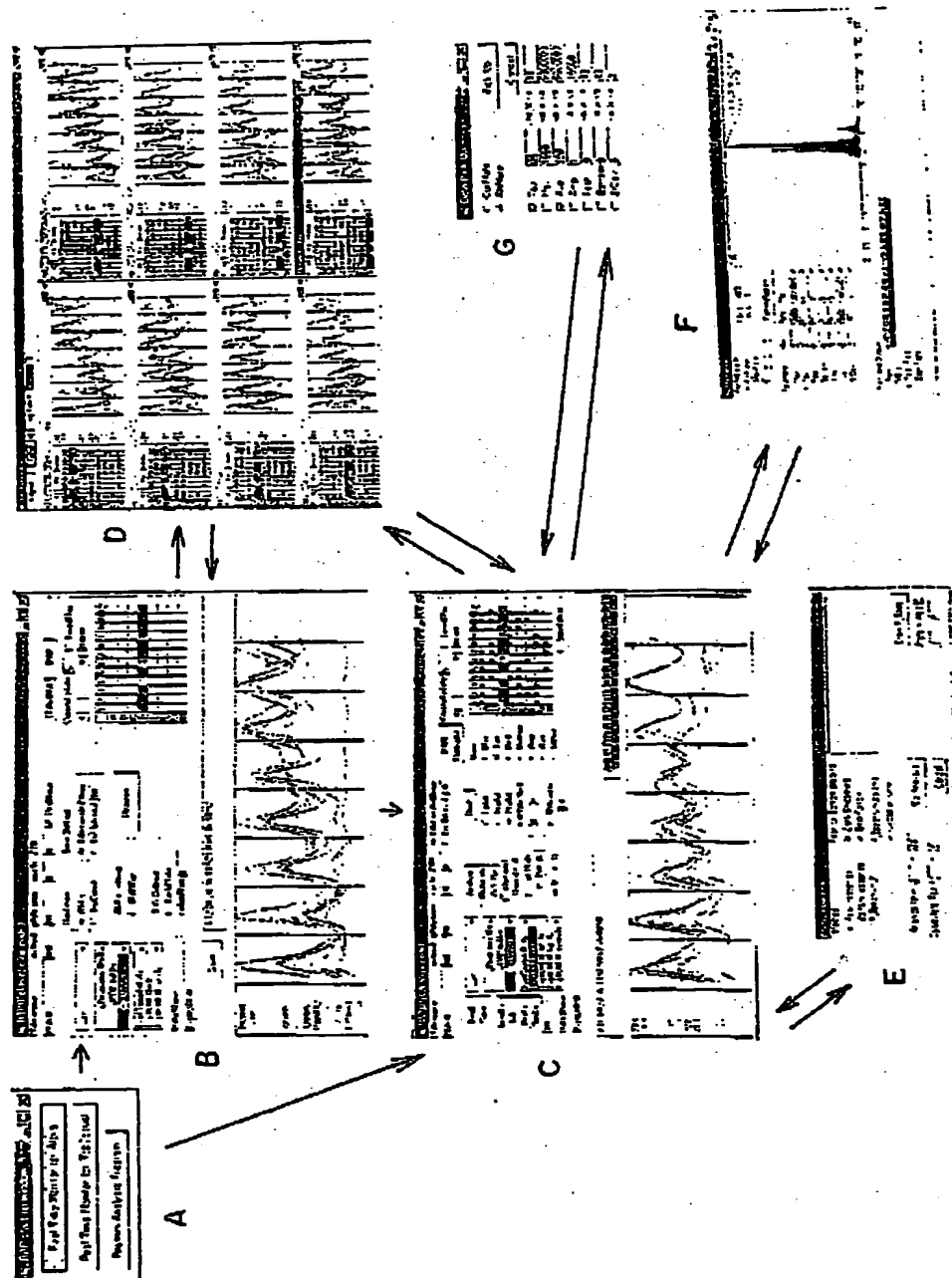


FIG. 4

3A

RAP start up window

Real Time Monitor for Aloka

Real Time Monitor for TopCount

Rhythm Analysis Program

3G

Data Pick Up

☐ OnePlate ☒ AllPlate

Pick Up

Cancel

<input checked="" type="checkbox"/> Tau	12	<= X <=	48
<input type="checkbox"/> Max	1000	<= X <=	9000000
<input checked="" type="checkbox"/> Ave	600	<= X <=	9000000
<input type="checkbox"/> Amp	1	<= X <=	10000
<input type="checkbox"/> Peak	0	<= X <=	48
<input type="checkbox"/> Bottom	0	<= X <=	48
<input type="checkbox"/> StDev	0	<= X <=	2

3E

Analysis params

Method

☒ Peak recognize ☒ Data Smoothing

☐ Bottom recognize ☒ Error Farrow

☐ P\_Spectrum\_1 ☐ P\_Spectrum params

☒ Circadian Only

Analyze term 0 - 1000

Calculate Tau 12 - 15

Do Analysis

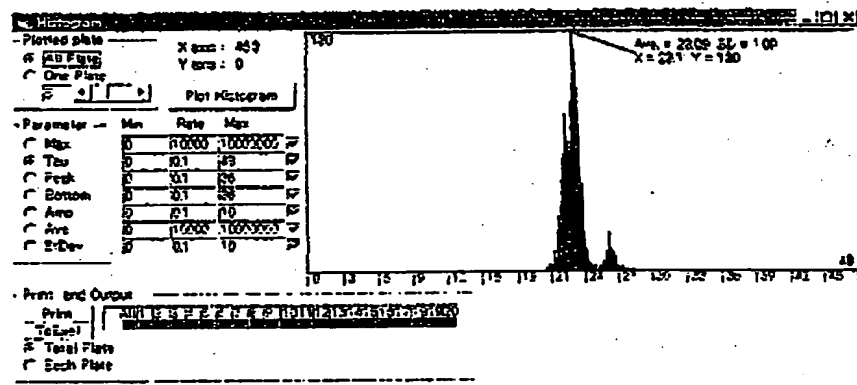
Cancel

Draw P\_Spec

Plate - Well ID

11 11

3F

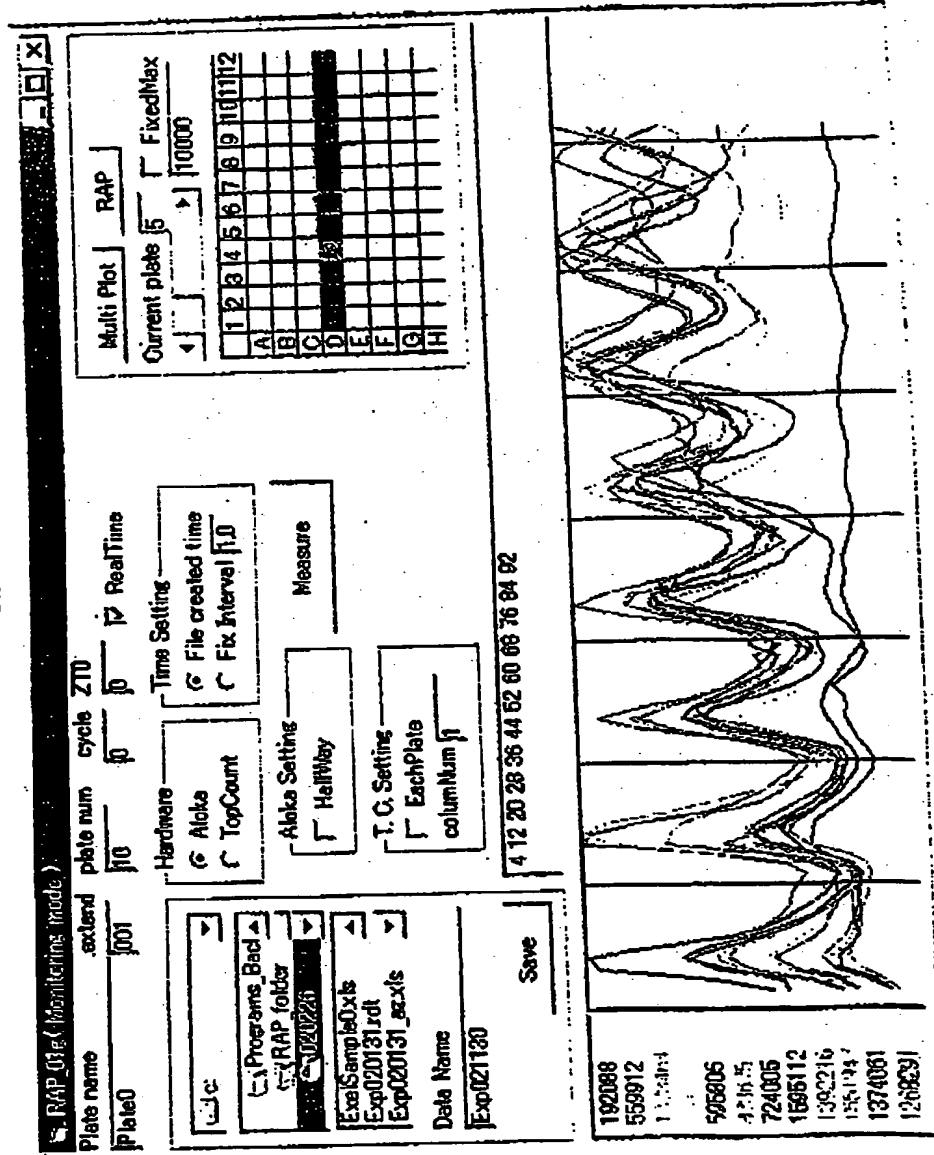


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FIG. 5

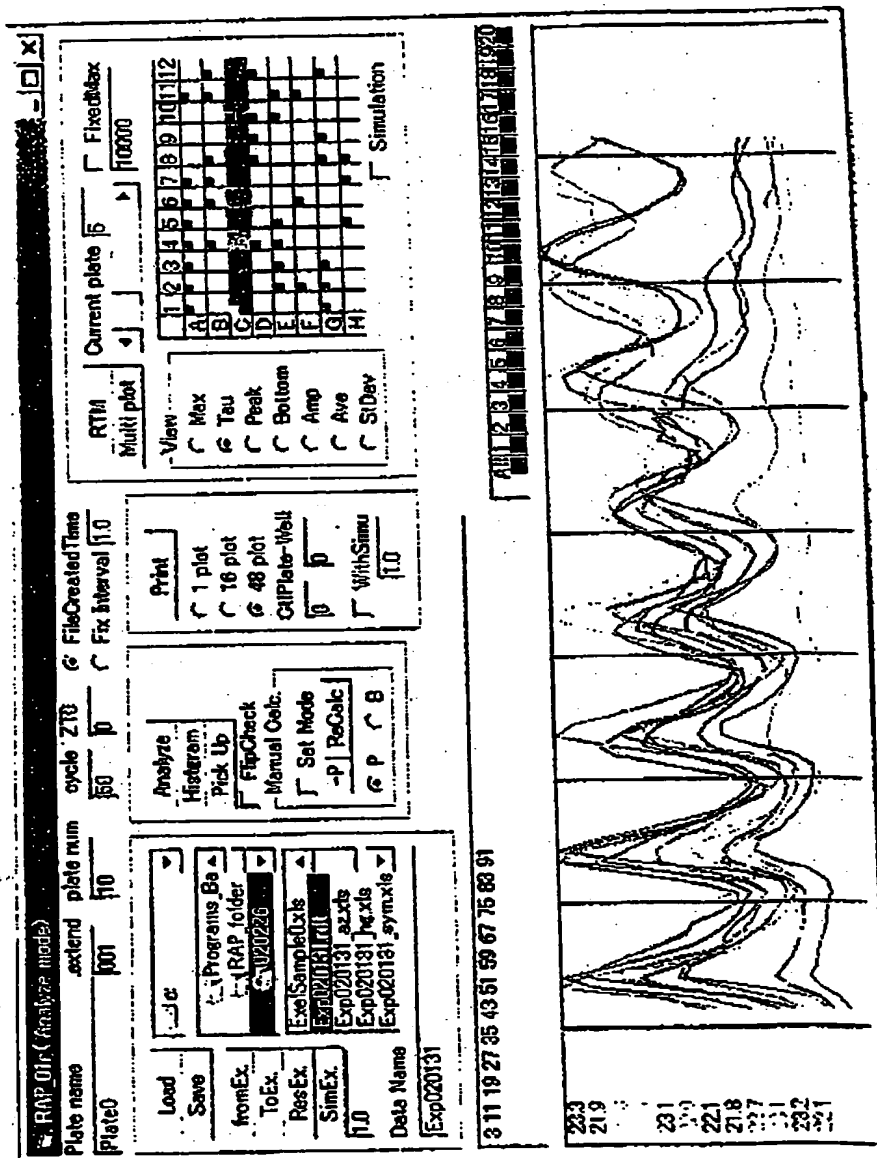
3B



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FIG. 6

3C



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FIG. 7

3D

